

Title (en)
Elevation adjustment device for vehicle headlamp and the method thereof

Title (de)
Vorrichtung und Verfahren zur Einstellung der Neigung eines Fahrzeugscheinwerfers

Title (fr)
Système de commande de l'orientation en site d'un projecteur de véhicule et procédé de mise en oeuvre

Publication
EP 1437259 B1 20061025 (FR)

Application
EP 03292992 A 20031201

Priority
FR 0215874 A 20021209

Abstract (en)
[origin: EP1437259A1] The system has a luminous source (3) fixed on a moveable reflector (4) of a projector of a vehicle, a camera (9) in the vehicle, and an image processing unit (8). The projector of the vehicle is adjusted until a specific luminous point emitted by luminous emission source (7) on the reflector is joined with a specific point (SP) of a scene obtained from a horizon of scene formed/situated before the vehicle. The image processing unit detects the horizon of scene by processing images captured by the camera. Independent claims are also included for the following: (a) a control process for controlling orientation of a headlamp of a vehicle (b) a headlamp of a vehicle.

IPC 8 full level
B60Q 1/115 (2006.01); **B60R 1/00** (2006.01); **B60Q 1/08** (2006.01); **B60Q 1/10** (2006.01); **B60Q 1/14** (2006.01); **G01M 11/06** (2006.01)

CPC (source: EP US)
B60Q 1/10 (2013.01 - EP US); **G01M 11/068** (2013.01 - EP US); **B60Q 2300/132** (2013.01 - EP US); **B60Q 2300/324** (2013.01 - EP US)

Cited by
DE102008025459B4; DE102014003585A1; DE102008011699B4; DE102008025458B4; DE102006005550B4; US9117272B2;
DE102008025458A1; EP2128589A1; DE102008025459A1; US7612797B2

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US 2004178738 A1 20040916; US 7124008 B2 20061017; AT E343498 T1 20061115; DE 60309279 D1 20061207; DE 60309279 T2 20070531;
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